

# Labcoat™ M Development Tablet Coating Systems

**O'HARA**  
TECHNOLOGIES

Labcoat™ M is a product line of interchangeable, development tablet coaters with integral air handling units and electrical panels.

## > Features

- Interchangeable pan sizes
- 316L stainless steel with mirror finish (0.4 µm stainless steel) product contact
- Each pan is complete with anti-slide ribs and high-performance mixing baffles
- Portable system mounted on casters with brakes
- Schlick™ ABC (anti-bearding cap) spray nozzles
- Built-in Watson Marlow™ peristaltic pump
- Siemens™ colour touchscreen HMI & PLC control
- On-board supply fan and electric heater (mounted on top of coater)
- Integrated roughing and HEPA supply filters
- Remote exhaust fan and dust collection system
- Solvent capability optional
- Automatic reverse unloading available
- Solution flow measurement via loss-in-weight scale available
- Allen Bradley™ HMI & PLC available
- Mesh pans available
- Coating pan racks available

## > Benefits

- Refined and simple design
- Compact – minimal GMP space required for pilot coater
- User-friendly control system
- Easy coating scale-up



Our self-contained and portable Labcoat™ M50 Tablet Coating System has interchangeable pans allowing users to coat batches from 2.5 to 52 kg.



Our stainless steel pan lifter, pictured on the left, allows users to safely and quickly interchange pans.



The air handling unit of our Labcoat M75 and M100 Tablet Coating Systems are mounted on top of the process cabinet. This reduces the amount of floor space required and reduces installation efforts.

9602-018-0418

visit: [www.oharatech.com](http://www.oharatech.com)

**O'Hara Technologies Inc.**

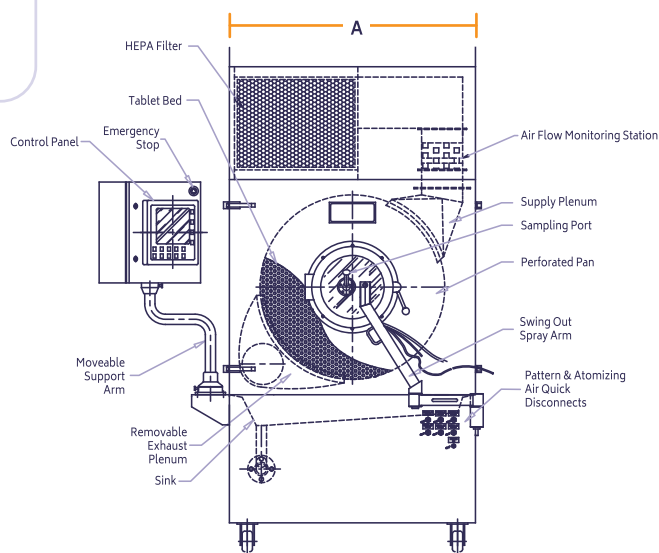
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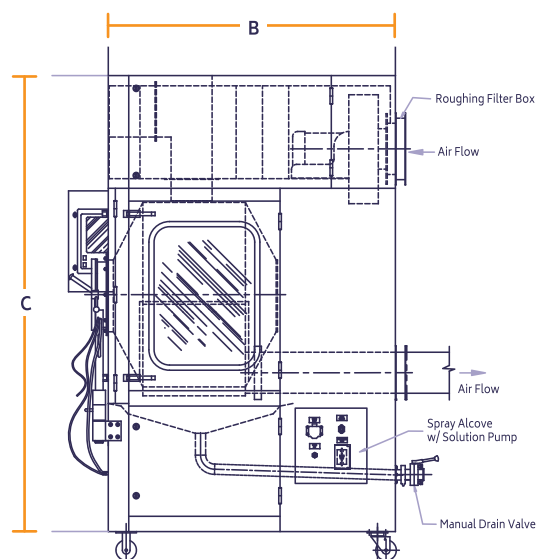
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# Labcoat™ M Development Tablet Coating Specifications



^ Front View



^ Side View

## ^ General Specifications

### Labcoat™ M50

### Labcoat™ M75

### Labcoat™ M100

Available Drum Sizes	15" – 32"
Brimful Volume	4.9 to 76 L
Working Capacity <sup>1</sup>	2.3 to 52 kg
Supply Air Volume	255 to 850 m <sup>3</sup> /h (150 to 500 CFM)

19" – 36"
14.3 to 116 L
6.8 to 79 kg
425 to 1870 m <sup>3</sup> /h (250 to 1100 CFM)

19" – 36XC8
14.3 to 157 L
6.8 to 106 kg
425 to 2380 m <sup>3</sup> /h (250 to 1400 CFM)



Our stainless steel, pneumatic drum tipper is pictured on the left. This mobile system is used for loading product into the coating pan. Adjustable harnesses allow for use with a variety of containers.



On the left is our mobile 4 pan storage rack, recommended to keep all pans and their accessories (plenums, spray booms, etc.) organized.

## Dimensions and Weight

### Labcoat™ M50

### Labcoat™ M75

### Labcoat™ M100

Width (A)	1220 mm (48")
Depth (B)	1372 mm (54")
Height (C)	1940 mm (76 1/2")
Weight	1360 kg (3000 lbs)

1220 mm (48")
1505 mm (59 1/4")
2362 mm (93")
1500 kg (3310 lbs)

1220 mm (48")
1709 mm (67 1/4")
2362 mm (93")
1650 kg (3640 lbs)

## Utilities

### Labcoat™ M50

### Labcoat™ M75

### Labcoat™ M100

Electrical Power	380-480V, 3Ph, 50-60Hz + neutral if required		
Compressed Air	68 Nm <sup>3</sup> /h @ 6 bar (40 SCFM @ 90 psi)	94 Nm <sup>3</sup> /h @ 6 bar (55 SCFM @ 90 psi)	125 Nm <sup>3</sup> /h @ 6 bar (55 SCFM @ 90 psi)

<sup>1</sup>Working capacity is 60-85% of brimful volume, calculated based on a product bulk density of 0.8 kg/L  
Specifications are subject to change without notification

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